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Proposed Sequence of Construction (In-Progress)

- Phase 1:
- Conduct public outreach campaign concerning permanent closure of I-264 ramps at Des Moines Ave. and South St. Install temporary detour plan and signs. Remove/modify all related existing signs and structures including the following:
 - Remove Des Moines Ave. Exit 1/2 mi. sign panel from existing overhead sign structure at Sta. 1419+20.
 - Remove overhead sign structure and sign for Des Moines Ave. Exit 1/4 mi. sign at Sta. 1436+00.
 - Remove existing Des Moines Ave. Exit sign from existing overhead sign structure at Sta. 1447+50.
 - Remove Exit 5 sign at Des Moines Ave. exit at Sta. 1450+00.
 - Remove I-264 sign at South St. entrance ramp.
 - Ramps may be maintained as construction entrances and shall be demolished subsequently.
 - Relocate Trexler Ave. south of Ramp C.
 - Construct Storm Water Pond 14, near Ramp SE.
 - Widen/modify I-264 on the outside:
 - I-264 EB from Sta. 1381+50 to Sta. 1400+84, in the vicinity of Ramp C and Ramp EN.
 - I-264 EB from Sta. 1431+83 to Sta. 1461+44, from Ramp SE to east of Des Moines Ave., including widening of bridge over Des Moines Ave.
 - I-264 WB from Sta. 1453+67 to Sta. 1419+70, from Ramp WN to west of N&P Beltline R.R., including widening of bridge over N&P Beltline R.R.
 - I-264 EB noise wall east of Des Moines Ave.
 - For all widening activities, close right travel lane and shoulder. Shift traffic to the two left lanes, which will be reduced to 11'. Widening at the exit and on ramps will occur under traffic or short-term closures during the night.
 - Install temporary traffic signal at intersection of Ramp C and Frederick Blvd. Demolish existing channelized island and free-flow right turn lane. Widen existing Ramp C terminal at Frederick Blvd. intersection and add a temporary right turn lane.
 - Construct Columbus Ave. driveway at PRHA south of I-264.
 - Close and demolish pedestrian bridge over I-264 at Sta. 1389+56.
 - Construct Ramp EN bridge from Sta. 331+35 to Sta. 351+11, from east of Frederick Blvd. to beginning of MLK Expressway NB bridge.
 - Construct Ramp SE, bridge and embankment.
 - Construct MLK Expressway NB and SB bridges from Sta. 1000+00 to Sta. 1010+46, from Ramps SE and EN to just north of I-264. Bridging girders over I-264 lanes should occur during the night time with short-term complete closures (up to 4 hours) or reducing traffic to a single lane as appropriate.
 - Close Meander St. between King St. and County St.
 - Close County St. and King St. at Harbor Dr. and construct roads connecting King St. and County St. parallel to Harbor Dr.

- Phase 1A:
- Close right shoulder of Ramp C and Shift all traffic left to a single 11' lane. Widen and construct Ramp C from Sta. 800+00 through Sta. 811+40, from I-264 exit to Frederick Blvd.
 - Rebuild pedestrian bridge over I-264 at Sta. 1389+56.

- Phase 1B:
- Construct Storm Water Pond 8, east of Ramp EN bridge over Frederick Blvd.
 - Shift ramp traffic right from Sta. 300+00 to Sta. 325+00, while constructing connection of Ramp EN to Ramp C. Construct Ramp EN from Sta. 312+00 to Sta. 331+35, including embankment, connection to I-264 and construction of bridge over Frederick Blvd.
 - Remove temporary signal at intersection of Ramp C and Frederick Blvd.

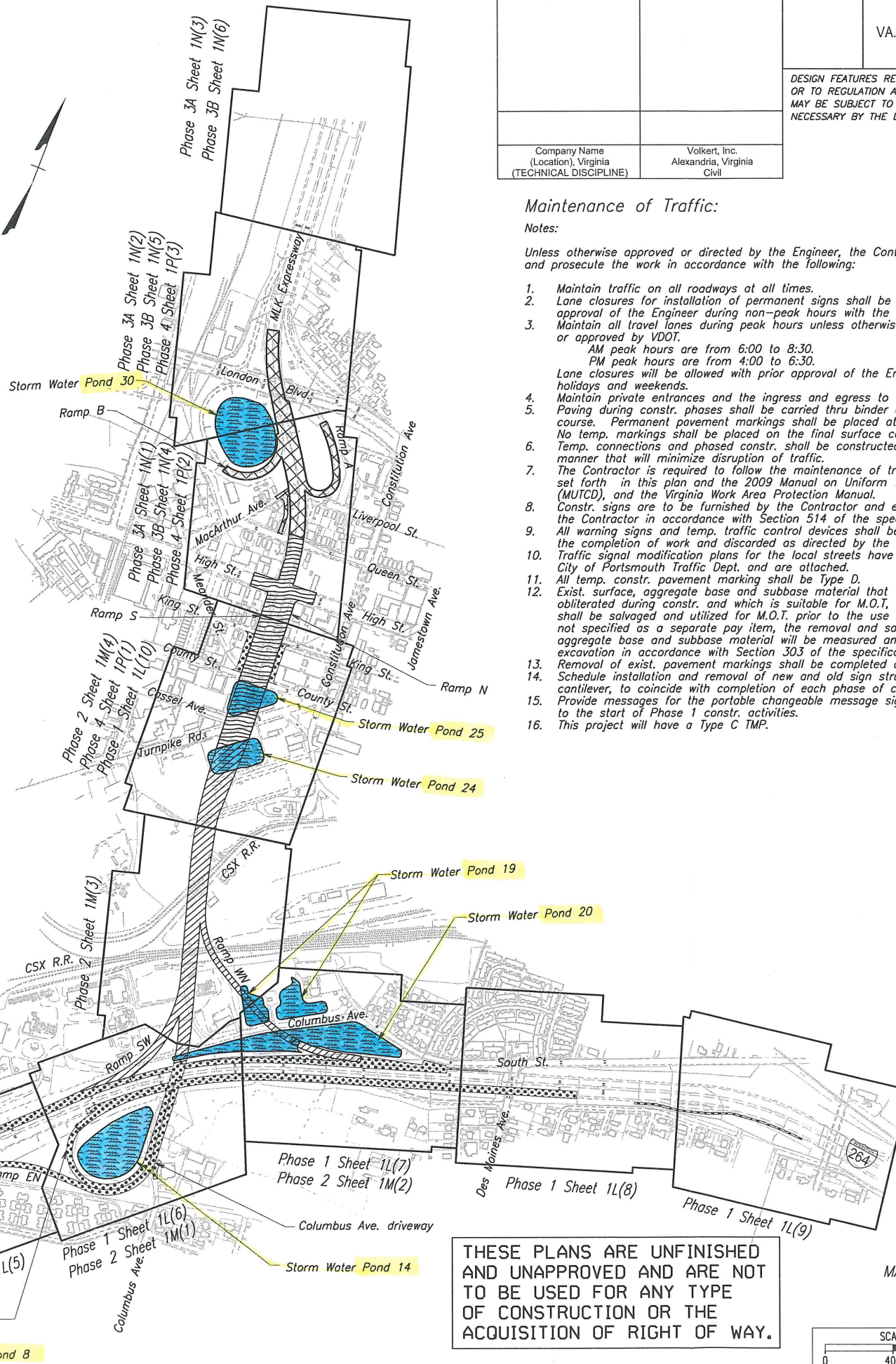
- Phase 2:
- Construct Storm Water Ponds 19, 20 and 24, near Ramp WN and Turnpike Rd. respectively.
 - Construct Ramp SW, embankment and bridge.
 - Construct Ramp WN, embankment and bridge.
 - Construct MLK Expressway NB and SB bridges from Sta. 1010+46 to Sta. 1029+66, from north of I-264 to south of Turnpike Rd.

- Phase 3A:
- Close Harbor Dr. to through traffic from Queen St. to north of London Blvd. for the duration of the project and implement detour plan.
 - Construct Storm Water Pond 30 near Ramp B.
 - Construct abutment, embankment, MSE walls and roadway for MLK Expressway NB and SB bridges from Sta. 1042+66 to Sta. 1055+00, from Queen St. to north of London Blvd.
 - Construct Ramps A and B, embankment and MSE wall, with short-term closure and detour of Ramp A and B traffic.
 - Construct road connecting MacArthur Ave. to Queen St. parallel to Harbor Dr.

- Phase 3B:
- Reopen Ramps A and B to traffic as soon as possible and remove detour signs.
 - Harbor Dr. will remain closed to through traffic from Queen St. to north of London Blvd.
 - Open road connecting MacArthur Ave. to Queen St. parallel to Harbor Dr.

- Phase 4:
- Close Harbor Dr. from Turnpike Rd. to Queen St.
 - Construct Storm Water Pond 25 north of Turnpike Rd.
 - Construct MLK Expressway NB and SB bridges from Sta. 1029+66 to Sta. 1042+66, from Turnpike Rd. to Queen St.
 - Construct Ramp S and Ramp N, bridges, MSE walls and embankments.
 - Complete remaining construction work along High St. and other local streets.
 - Remove all detour signs.

PONDS



Maintenance of Traffic:

Notes:

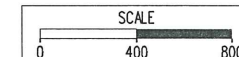
Unless otherwise approved or directed by the Engineer, the Contractor shall plan and prosecute the work in accordance with the following:

- Maintain traffic on all roadways at all times.
- Lane closures for installation of permanent signs shall be allowed only by the approval of the Engineer during non-peak hours with the help of police.
- Maintain all travel lanes during peak hours unless otherwise shown in the plans or approved by VDOT.
 - AM peak hours are from 6:00 to 8:30.
 - PM peak hours are from 4:00 to 6:30.
- Lane closures will be allowed with prior approval of the Engineer on Virginia legal holidays and weekends.
- Maintain private entrances and the ingress and egress to them at all times.
- Paving during constr. phases shall be carried thru binder course and final surface course. Permanent pavement markings shall be placed at the end of each phase. No temp. markings shall be placed on the final surface course.
- Temp. connections and phased constr. shall be constructed and completed in a manner that will minimize disruption of traffic.
- The Contractor is required to follow the maintenance of traffic (M.O.T.) requirements set forth in this plan and the 2009 Manual on Uniform Traffic Control Devices (MUTCD), and the Virginia Work Area Protection Manual.
- Constr. signs are to be furnished by the Contractor and erected and maintained by the Contractor in accordance with Section 514 of the specifications.
- All warning signs and temp. traffic control devices shall be promptly removed at the completion of work and discarded as directed by the Engineer.
- Traffic signal modification plans for the local streets have been prepared by the City of Portsmouth Traffic Dept. and are attached.
- All temp. constr. pavement marking shall be Type D.
- Exist. surface, aggregate base and subbase material that will be demolished or obliterated during constr. and which is suitable for M.O.T., as determined by the Engineer, shall be salvaged and utilized for M.O.T. prior to the use of commercial material. When not specified as a separate pay item, the removal and salvage of exist. surfaces and aggregate base and subbase material will be measured and paid for as regular excavation in accordance with Section 303 of the specifications.
- Removal of exist. pavement markings shall be completed according to Section 512.03 (J).
- Schedule installation and removal of new and old sign structures, both overhead and cantilever, to coincide with completion of each phase of constr.
- Provide messages for the portable changeable message sign for review and approval, prior to the start of Phase 1 constr. activities.
- This project will have a Type C TMP.

LEGEND

- Phase 1 Construction
- Phase 2 Construction
- Phase 3 Construction
- Phase 4 Construction
- Storm Water Ponds

MARTIN LUTHER KING EXPRESSWAY
TRAFFIC MAINTENANCE PLAN
KEY PLAN



PROJECT 0058-965-107
SHEET NO. 1K(1)